

Title (en)
ZEOLITE ADSORBENTS MADE FROM LSX ZEOLITE WITH A CONTROLLED EXTERNAL SURFACE AREA, METHOD FOR PREPARATION OF SAME AND USES THEREOF

Title (de)
ZEOLITHADSORPTIONSMITTEL AUS LSX-ZEOLITH MIT KONTROLLIERTEM EXTERNEM OBERFLÄCHENBEREICH, VERFAHREN ZUR HERSTELLUNG DAVON UND VERWENDUNGEN DAVON

Title (fr)
ADSORBANTS ZÉOLITHIQUES À BASE DE ZÉOLITHE LSX DE SURFACE EXTERNE CONTRÔLÉE, LEUR PROCÉDÉ DE PRÉPARATION ET LEURS UTILISATIONS

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Application
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Priority
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Abstract (en)
[origin: WO2016075281A1] The present invention relates to a zeolite absorbent comprising at least one LSX zeolite with faujasite structure (FAU) and containing barium and/or potassium, in which the external surface area of said zeolite absorbent, as measured by nitrogen absorption, is between 20 m²•g⁻¹ and 100 m²•g⁻¹, terminals included. The present invention also relates to the use of such a zeolite absorbent as an adsorption agent, as well as the method for separation of para-xylene from aromatic isomer fractions with 8 carbon atoms.

IPC 8 full level
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Citation (search report)
See references of WO 2016075281A1

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WO 2016075281 A1 20160519; CN 107206349 A 20170926; CN 107206349 B 20210625; CN 113083224 A 20210709; EP 3218101 A1 20170920; FR 3028430 A1 20160520; FR 3028430 B1 20180817; JP 2017536979 A 20171214; JP 6641368 B2 20200205; KR 102449639 B1 20220929; KR 20170083602 A 20170718; TW 201628711 A 20160816; TW I598149 B 20170911; US 2017304800 A1 20171026; US 9919289 B2 20180320; ZA 201703816 B 20190925

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